LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) ~~Construction~~ A construction material on a plant basis (PB), containing a mixture M1 of a binder and a mineralizer, ~~characterized in that~~ wherein the weight proportions of the components constituting the mixture M1 ~~are comprised~~ comprise between ~~approx.~~ approximately 50 % and ~~approx.~~ approximately 90 % ~~for~~ of the binder and between ~~approx.~~ approximately 10 % and ~~approx.~~ approximately 50 % ~~for~~ of the mineralizer, and ~~in that~~ the ~~latter~~ mineralizer is ~~composed~~ comprised of a mixture M2 of calcium carbonate $CaCO_3$ and magnesium carbonate $MgCO_3$, the weight proportions of the components constituting ~~this~~ the mixture M2 ~~being comprised~~ comprise between ~~approx.~~ approximately 60 % and ~~approx.~~ approximately 95 % ~~for~~ of the $CaCO_3$ and between ~~approx.~~ approximately 5 % and ~~approx.~~ approximately 40 % ~~for~~ of the $MgCO_3$.

2. (Currently Amended) ~~Construction~~ The construction material according to claim 1, ~~characterized in that~~ wherein the weight proportions of the components constituting the mixture M1 ~~are preferably comprised~~ comprise between 6/10 and 4/5 ~~for~~ of the binder and between 1/5 and 4/10 ~~for~~ of the mineralizer.

3. (Currently Amended) ~~Construction~~ The construction material according to claim 1 ~~or 2~~, ~~characterized in that~~ wherein the weight proportions of the components constituting the mixture M2 ~~are preferably comprised~~ comprise between 2/3 and 9/10 ~~for~~ of the $CaCO_3$ and between 1/10 and 1/3 ~~for~~ of the $MgCO_3$.

4. (Currently Amended) Construction material according to ~~any one of claims 1 to 4, characterized in that~~ claim 1, wherein for 1 m^3 of PB, the mixture M1 is ~~composed~~ comprised of 75 kg of mineralizer M2 and of 225 kg of binder in weight proportion of ~~(weight proportions~~ 25 % to

75 %[[)]], and the mixture M2 of 60 kg of calcium carbonate and of 15 kg of magnesium carbonate [[(]] in weight proportions 80 % to 20 %[[)]].

5. (Currently Amended) The construction ~~Construction~~ material according to ~~any one of claims 1 to 3, characterized in that it contains~~ claim 1, further comprising an additional mixture M3 provided in defined application-oriented ~~resp.~~ [[-]]dependent proportions.

6. (Currently Amended) The construction ~~Construction~~ material according to claim 5, ~~characterized in that~~ wherein the mixture M3 ~~consists of~~ comprises gypsum[[,]] ~~preferably~~ with starch added.

7. (Currently Amended) The construction ~~Construction~~ material according to claim 5, ~~characterized in that~~ wherein the mixture M3 ~~consists of~~ comprises a flow agent.

8. (Currently Amended) ~~Construction~~ The construction material according to claim 5 ~~or 6~~, ~~characterized in that~~ wherein for 1 m^3 of PB, the mixture M1 is ~~composed~~ comprised of 60 kg of mineralizer according to M2 and of 100 kg of binder [[(]] in weight proportions 37.50 % to 62.50 %[[)]], and the mixture M2 of 42 kg of calcium carbonate and of 18 kg of magnesium carbonate [[(]] in weight proportions 70 % to 30 %[[)]], and the mixture M3 ~~preferably consists of~~ comprises 200 kg of gypsum.

9. (Currently Amended) The construction ~~Construction~~ material according to ~~any one of claims 1 to 8, characterized in that~~ claim 1, wherein the plant basis PB ~~is advantageously composed of~~ comprises materials comprising miscantus (China reed), hemp, softwood, sugar cane, straw, switchgrass or [[(]]panicum virgatum[[)]], italian ryegrass, reed, the materials being present individually or in different combinations, ~~these vegetable raw~~ wherein the materials ~~being~~ are comminuted ~~according to predetermined specifications~~.

10. (Currently Amended) The construction ~~Construction~~ material according to claim 9, ~~characterized in that~~ wherein the ~~comminution produces~~ comminuted particles are elongate particles ~~such as~~ comprising at least one of fibers of up to approx. 40 mm ~~and/or~~ and a granulate of a grain size up to 8 mm.

11. (Currently Amended) ~~Construction~~ The construction material according to claim 9, wherein ~~or 10, characterized in that~~ the plant basis PB comprises a mixture of miscantus and softwood, ~~preferably~~ with respective volumetric contents of 85 % and 15 %.

12. (Currently Amended) The construction ~~Construction~~ material according to claim 9 ~~or 10~~, ~~characterized in that~~ wherein the plant basis PB comprises a mixture of miscantus, softwood, and hemp, ~~preferably~~ with respective volumetric contents of [[85]] 75 %, [[15]] 20 %, and 5 %.

13. (Currently Amended) The construction ~~Construction~~ material according to ~~any one of claims 1 to 12, characterized in that~~ claim 1, wherein the mixture of [[{]]PB + M1[[}]] ~~resp. {PB + M1 + M3}~~ is mixed with ~~such~~ a quantity of mixing water ~~that a predefined, intended~~ to produce a consistency K_i ~~is obtained~~.

14. (Currently Amended) ~~Construction~~ The construction material according to claim 13, ~~characterized in that~~ wherein for 1 ~~m3~~ m^3 of PB, the quantity of mixing water is ~~equal to approx.~~ approximately 300 liters.

15. (Currently Amended) The construction ~~Construction~~ material according to claim ~~13~~ or 14, ~~characterized in that~~ further comprising a fungicidal preparation ~~is~~ admixed ~~to said~~ with the mixing water, ~~preferably~~ by ~~the~~ addition of approx. 2/3 liters of sodium hydroxide for 1,000 liters of mixing water.

16. (Currently Amended) ~~Construction~~ The construction material according to ~~any one of claims 1 to 15, characterized in that~~ claim 1, wherein the binder is ~~preferably~~ Portland cement of strength class 52.5.

17. (Currently Amended) ~~Method~~ A method for producing a construction material wherein the construction material comprises ~~according to any one of claims 1 to 16, characterized in that~~ a plant basis (PB), containing a mixture M1 of a binder and a mineralizer, wherein the weight proportions of the components constituting the mixture M1 comprise between approximately 50 % and approximately 90 % of the binder and between approximately 10 % and approximately 50 % of the mineralizer, and the mineralizer is comprised of a mixture M2 of calcium carbonate $CaCO_3$ and magnesium carbonate $MgCO_3$, the weight proportions of the components constituting the mixture M2 comprise between approximately 60 % and approximately 95 % of the $CaCO_3$ and between approximately 5 % and approximately 40 % of the $MgCO_3$ and an additional mixture M3 provided in defined application-oriented dependent proportions;

the method comprising:

~~- the mixture M1 consisting of the binder and the mineralizer is prepared in defined application-oriented resp. - dependent proportions;~~

[[-]] preparing the mixture ~~M3 composed~~ M2 comprised of calcium carbonate $CaCO_3$ and magnesium carbonate $MgCO_3$ ~~is prepared~~ in defined application-oriented ~~resp.~~ [[-]]dependent proportions,

[[-]] ~~as the case may be,~~ preparing the mixture M3 further comprising ~~consisting of~~ at least one additional material ~~is prepared~~ in defined application-oriented ~~resp.~~ [[-]]dependent proportions and admixed ~~to~~ with the mixture M2, and ~~in that~~

preparing the mixture M1 of the binder and the mineralizer in defined application-oriented dependent proportions,

[[-]] mixing the mixture ~~(PB + M1) resp.~~ [[{]]PB + M1 + M3[[}]] ~~is mixed~~ into a quantity of mixing water that is defined according to ~~the~~ a desired consistency K_i.

18. (Currently Amended) ~~Method~~ The method for producing a construction material according claim 7, ~~characterized in that~~ wherein

~~- the mixture M1 composed of the binder and the mineralizer is prepared according to defined application-oriented resp. -dependent proportions,~~

[[-]] the mixture ~~M3 composed~~ M2 comprised of calcium carbonate CaCO3 and magnesium carbonate MgCO3 is prepared according to defined application-oriented ~~resp.~~ [[-]]dependent proportions,

[[-]] the mixture M3 ~~consisting of~~ comprising at least one additional material is prepared in defined application-oriented ~~resp.~~ [[-]]dependent proportions and admixed ~~to~~ with the mixture M2, and ~~in that~~

- the mixture M1 is comprised of the binder and the mineralizer prepared according to defined application-oriented dependent proportions,

[[-]] the mixture [[{]]PB + M1 + M3[[}]] is extruded.

19. (Currently Amended) The method ~~Method~~ according to claim 17, wherein ~~or 18, characterized in that~~ the preparation of the mixture ~~{PB + M1} resp.~~ [[{]]PB + M1 + [[M2]] M3 [[}]] takes place in a single process step, and the mineralizer ~~being~~ and the mixture M3 are previously admixed ~~to~~ with the binder directly in the binder plant according to determined specifications.

20. (Currently Amended) ~~Structural~~ A structural element or object ~~made~~ comprised of a construction material according to ~~any one of claims 1 to 16~~ claim 1.

21. (Currently Amended) ~~Structural~~ The structural element according to claim 20, ~~characterized in that it forms~~ in the form of a sound-insulating element ~~(1)~~ and ~~is~~ being provided with sound-insulating fins ~~(2)~~ for increasing ~~the~~ a sound-absorbing surface area thereof.

22. (Currently Amended) A sound-insulating ~~Sound-insulating~~ structural element according to claim 21, ~~characterized in that it is~~ in the form of a panel.

23. (Currently Amended) ~~Sound-insulating~~ A sound-insulating structural element according to claim 21, wherein being ~~or 22, characterized in that it is~~ built up of two layers, including a supporting layer ~~(3) with~~ having a preponderantly static function ~~being provided with~~ and an absorber layer ~~(4)~~ for sound absorption.

24. (Currently Amended) ~~Sound-insulating~~ A sound-insulating structural element according to claim 23, ~~characterized in that it has~~ having a thickness (h) of ~~approx.~~ approximately 25 cm, the supporting layer ~~(3) with~~ having a density of ~~approx.~~ approximately 1250 kg/m^3 and having a thickness (g) of ~~approx.~~ approximately 10 cm, ~~and~~ the absorber layer ~~(4) with~~ having a density of ~~approx.~~ approximately 500 kg/m^3 and being built up of fins, the fins having bases and heads, the fins ~~(2)~~ having a height ~~(e)~~ of ~~approx.~~ approximately 10 cm, a width ~~(d)~~ of ~~approx.~~ approximately 10 cm at the fin bases ~~base~~, a width ~~(a)~~ of ~~approx.~~ approximately 6 cm at ~~the~~ a fin head and a distance ~~(c)~~ between the fins of ~~approx.~~ approximately 3 cm at the fin bases ~~base~~, and of a layer beneath the fins of a thickness ~~(f)~~ of ~~approx.~~ approximately 5 cm, and ~~in that~~ the total weight of the structural element ~~(1)~~, related to the projected surface area, is approx. 205 kg/m^2.

25. (Currently Amended) ~~Structural~~ The structural element according to claim 20, ~~characterized in that it forms~~ comprising a cuboidal slope reinforcement block ~~(5)~~, ~~in that~~ a tenon ~~(8)~~ and a groove ~~(9) are~~ provided for ~~the~~ form-fitting juxtaposition of several slope reinforcement blocks ~~(5)~~, and ~~in that furthermore~~ a recess ~~(7) is~~ provided on ~~the~~ a side facing the soil and capable of being filled up by earth ~~(12)~~.

26. (Currently Amended) The structural element ~~Slope reinforcement block~~ according to claim 25, ~~characterized in that~~ wherein the slope reinforcement block further comprises

sound-absorbing fins ~~(2) are~~ provided on the side of the slope reinforcement block ~~(6)~~ opposite the soil ~~(12)~~.

27. (Currently Amended) A slope ~~Slope~~ reinforcement wall ~~composed~~ comprised of a plurality of the structural elements in the form of the slope reinforcement blocks according to claim 25, wherein ~~or 26, characterized in that~~ several of the slope reinforcement blocks ~~(5, 6)~~ arranged to form a slope reinforcement wall ~~(10)~~ by form-fitting interconnection thereof, and ~~in that~~ the ~~latter~~ wall is inclined in the direction of the slope of the blocks by ~~the~~ an angle [[α]] with respect to the perpendicular, and ~~in that~~ a foundation ~~(11)~~ for absorbing ~~the~~ vertical forces, and ~~as well as~~ geo fleece mats ~~(13)~~ and tension bands ~~(14)~~ for absorbing ~~the~~ horizontal forces from the slope reinforcement wall ~~(10) are provided~~.

28. (Currently Amended) The slope ~~Slope~~ reinforcement wall according to claim 27, ~~characterized in that~~ wherein the angle [[α]] is 10°.

29. (Currently Amended) The structural ~~Structural~~ element according to claim 20, ~~characterized in that it~~ which is pressed to form a perforated building brick.

30. (Currently Amended) The structural ~~Structural~~ element according to claim 20, ~~characterized in that~~ further comprising hemp ropes of a diameter of approx. 12 mm ~~are~~ arranged at intervals of approx. 10 cm, ~~in that~~ hemp ropes of a diameter of approx. 8 mm ~~are~~ provided at intervals of approx. 30 cm, and ~~in that~~ the structural elements have a length of approx. 3.5 m and are applicable as ceiling elements.

31. (Currently Amended) The structural ~~Structural~~ element according to claim 20, ~~characterized in that~~ further comprising a timber framing ~~is provided which fulfills the~~ for fulfilling a static function of the structural element, and ~~in that~~ the plant-based construction material fills up the timber framing two-dimensionally and ~~fulfills~~ performs a thermal insulation and noise protection function.